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Influence of Cigarette Smoke on Pulmonary Emphysema and Bronchospasm.

The object of this project is to examine the significance of cadmium contained in cigarettes which has been implicated as the probably cause of pulmonary emphysema and bronchitis occurring in cigarette smokers.

Mice and rats will be exposed to cigarette smoke with varying concentrations of cadmium. The lungs will be examined functionally and histologically.

At the present time, various strains of mice are being examined to identify those that are susceptible to emphysema or bronchitis.

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Current Grant Level: \$19,440.

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